

AMENDMENTS TO THE SPECIFICATION

Please replace the two paragraphs beginning at page 6, line 11 with the following amended paragraphs:

FIG. 2 shows nucleotide sequences of FT cDNA inserts used for the sense and antisense constructs (pSKI059 (SEQ ID NO:1) and pSKI060 (SEQ ID NO:3)). For the sense strand, the conceptual translation of the FT protein (SEQ ID NO:2) is shown in three-letter code under the DNA sequence. Vector sequences are underlined.

FIG. 3(A-C) shows sequence comparison of FT to related proteins in plants and mammals, with one-letter amino acid code. Figure 3(A) shows a comparison of At FT (~~SEQ ID NO: 4~~) (SEQ ID NO: 12), At TFL1 (SEQ ID NO:5), At E12A11 (~~SEQ ID NO:6~~) (SEQ ID NO:8), and Rn HCNP (SEQ ID NO:7). Figure 3(B) shows a phylogenetic tree of Am CEN, At TFL1, At FT, At E12A11 and Rn HCNP. Figure 3(C) shows alignment of peptide sequences of At FT (~~SEQ ID NO:8~~) (SEQ ID NO:6), At TFL1 (SEQ ID NO:9), Am CEN (SEQ ID NO:10), At E12A 11 (SEQ ID NO:11), Rn HCNP (~~SEQ ID NO:12~~) (SEQ ID NO:4); and Hs HCNP (SEQ ID NO:13).

Please replace the paragraph beginning at page 41, line 12 with the following amended paragraph

Using as a probe the genomic DNA fragment isolated by plasmid rescue, we obtained more than 10 cDNA clones from an *Arabidopsis thaliana* flower cDNA library (Weigel et al., 1992, *Cell* 69, 843-859). The cDNA clones were sequenced and found to all originate from the same gene. Clone pSKI1.1.1 was selected as containing a complete open reading frame, as well as 5' and 3' untranslated sequences, spanning 1814 bp. Partial maps of some of the recombinant DNA constructs described are given in Fig. 1, and the actual sequences of the sense (SEQ ID NO:1) (~~SEQ ID NO:5~~) and the antisense inserts (SEQ ID NO:3) are presented in Fig. 2.